MAXDATA PLATINUM 500 I – Quick Start Guide

Thank you for buying a MAXDATA PLATINUM 500 I Server. This document describes how to set up the system, turn on the system, and complete configuration for the system.

Follow the link "User-Support und Treiber" on www.maxdata.de to access the download area and download a more detailed guide.

1 Safety

Warning

Installation and service
Installation and service of this product is to be performed only by qualified service personnel to avoid risk of injury from electrical shock or energy hazard.

Enclosure cover
In order to comply with applicable safety, emission, and thermal requirements, no covers should be removed and all bays must be fitted with drive carriers.

Battery Safety
There is a danger of explosion if the battery is incorrectly replaced.
Dispose of used batteries in accordance with the manufacturer's instructions and national regulations.

Caution

Electrostatic discharge
Observe normal Electrostatic Discharge (ESD) procedures during system integration to avoid possible damage to the server board and/or other components of the server system.

Server system power
System power on/off: The power button DOES NOT turn off the system AC power. To remove power from the server system, you must unplug the AC power cord from the wall outlet or the chassis.

Safety instruction for upright system
To ensure stability, the floor stands must be turned outwards.

2 Site Selection

The system is designed to operate in a typical office environment. Choose a site that is:
- Clean, dry and free of airborne particles (other than normal room dust).
- Well-ventilated and away from sources of heat including direct sunlight and radiators.
- Away from sources of vibration or physical shock.
- Isolated from strong electromagnetic fields produced by electrical devices.
- In regions that are susceptible to electrical storms, we recommend you plug your system into a surge suppresser and disconnect telecommunication lines to your modem during an electrical storm.
- Provided with a properly grounded wall outlet.
- Provided with sufficient space to access the power supply cord(s) because they serve as the product's main power disconnect.

3 System Overview

Technical Specifications

Dimensions (upright configuration):
- 444 mm high
- 222 mm wide
- 675 mm deep
- 36 kg max. weight

System power:
- Redundant power supply (two line connectors)
  100–127 V/200–240 V at 50/60 Hz; 10 A/5 A max.
- Single power supply
  100–127 V/200–240 V at 50/60 Hz; 10 A/5 A max.

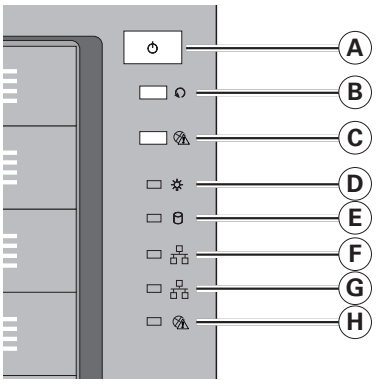
Temperature range: +10 °C to +30 °C

Regulatory Compliance

This product complies to the following requirements:
- EN 60950 – Safety
- EN 55022 – Emissions
- EN 55024 – Immunity
- EN 61000-3-2 – Harmonics
- EN 61000-3-3 – Voltage Flicker
- CE – EMC Directive 89/336/EEC

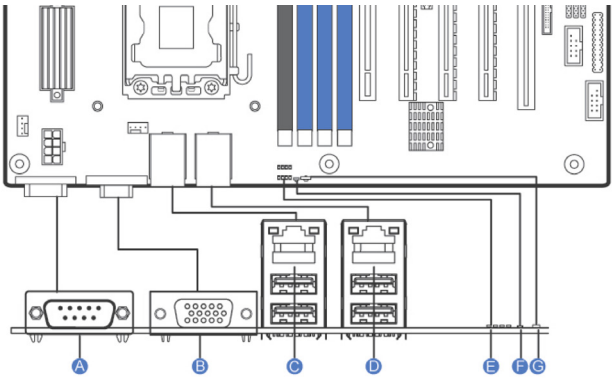
This product has a CE declaration of conformity (CENELEC Europe).
This server system is compliant to European Directive 2002/95/EC (RoHS).

Front Controls



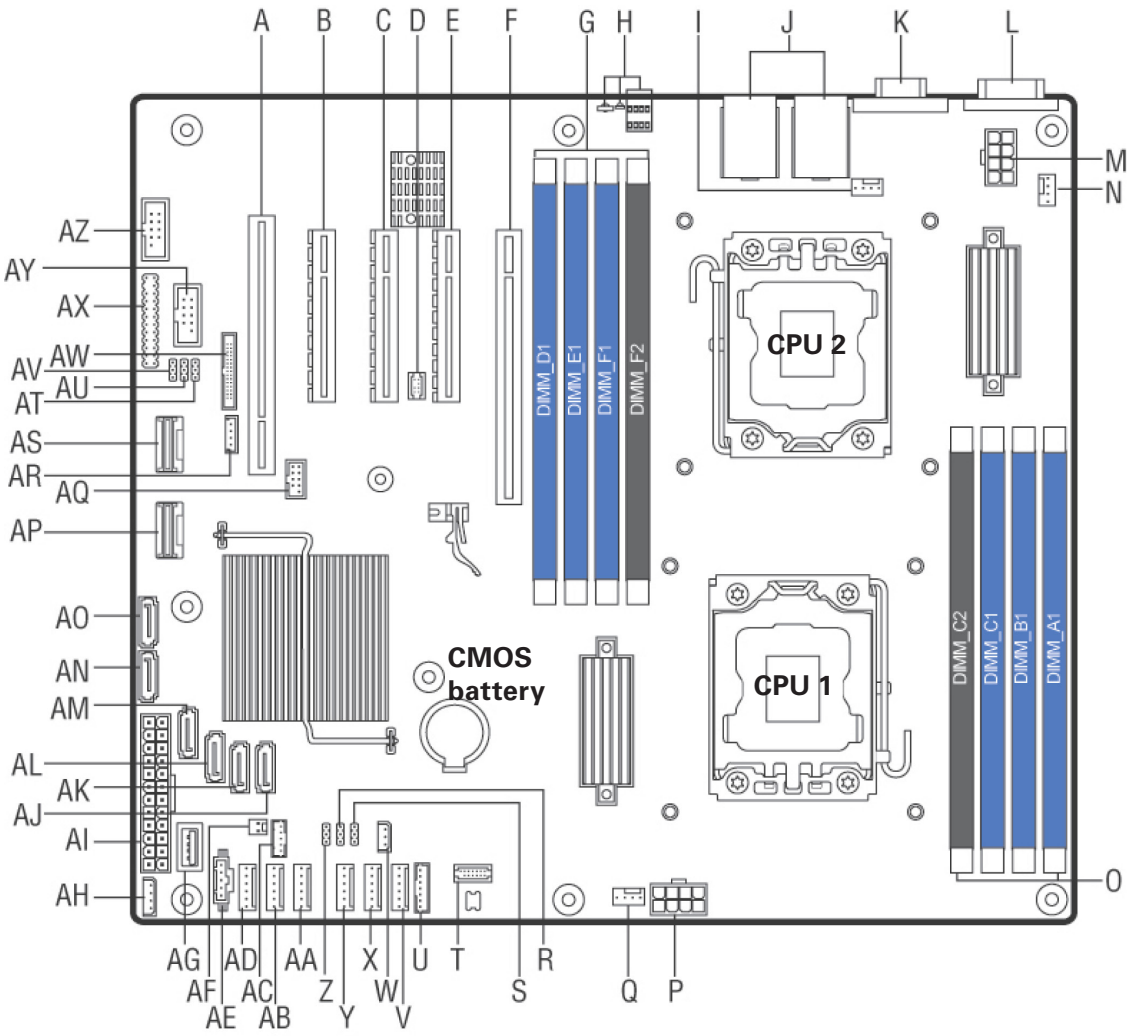
A. Power button
B. Reset button
C. Warning mute button
D. Power LED
E. HDD LED
F. NIC2 LED
G. NIC1 LED
H. Warning LED

Back Panel Connectors



A. Serial port A
B. Video port
C. NIC 1 (top), two USB ports (bottom)
D. NIC 2 (top), two USB ports (bottom)
E. Diagnostic LEDs
F. ID LED
G. Status LED

4 Server Board Connector and Component Locations



A.	Slot 2, PCI 32 bit/33 MHz	**S.**	Jumper (not in use)	**AK.**	SATA port 3
B.	Slot 3, PCIe Gen II x4	**T.**	TPM header	**AL.**	SATA port 4
C.	Slot 4, PCIe Gen III x8	**U.**	LCP header	**AM.**	SATA port 5
D.	RMM 4 LITE	**V.**	System fan 6 header	**AN.**	SATA port 0
E.	Slot 5, PCIe Gen III x8, open-ended	**W.**	HSBP I2C header	**AO.**	SATA port 1
F.	Slot 6, PCIe Gen III x16	**X.**	System fan 5 header	**AP.**	SCU 1
G.	DIMM sockets of CPU 2 (channels D, E, F)	**Y.**	System fan 4 header	**AQ.**	eUSB SSD header
H.	Diagnostic LEDs	**Z.**	ME update jumper	**AR.**	RAID upgrade key
I.	CPU 2 fan header	**AA.**	System fan 3 header	**AS.**	SCU 0
J.	USB and network connectors	**AB.**	System fan 2 header	**AT.**	Password clear jumper
K.	Video port	**AC.**	SATA SGPIO	**AU.**	BIOS recovery jumper
L.	Serial port A	**AD.**	System fan 1 header	**AV.**	BMC update jumper
M.	CPU 2 power	**AE.**	PMBus header	**AW.**	RMM 4 header
N.	System fan 7 header	**AF.**	HDD LED header	**AX.**	Front panel header
O.	DIMM sockets of CPU 1 (channels A, B, C)	**AG.**	Type A USB port	**AY.**	USB header
P.	CPU 1 power	**AH.**	IPMB header	**AZ.**	Serial port B header
Q.	CPU 1 fan header	**AI.**	Main power		
R.	BIOS default jumper	**AJ.**	SATA port 2		

5 Hard Disk Drive Numbering

Per default, the HDDs numbers and positions are as follows:

3.5" hot-swap HDDs

The HDDs of each 4x backplane are numbered from bottom to top in ascending order.
If two backplanes are in use and both are connected to the same controller, the lower four drive bays are connected to ports 0 to 3, while the upper four drive bays are connected to ports 4 to 7.

2.5" hot-swap HDDs

The HDDs of each 8x backplane are numbered from top to bottom in ascending order.